

# ABSTRACT OF THE DISCLOSURE

Method for processing an article comprising a mixed conducting metal oxide  
5 material, which method comprises (a) contacting the article with an oxygen-containing  
gas and reducing or increasing the temperature of the oxygen-containing gas; (b) when  
the temperature of the oxygen-containing gas is reduced, reducing the oxygen activity in  
the oxygen-containing gas; and (c) when the temperature of the oxygen-containing gas  
is increased, increasing the oxygen activity in the oxygen-containing gas.

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